

ABSTRACT

A solid lubricant for being embedded in pores or grooves formed at a sliding surface of a sliding member body, comprises 5 to 30% by volume of a polyethylene resin, 20 to 60% by volume of a hydrocarbon-based wax and 10 to 60% by volume of melamine cyanurate. Such a solid lubricant can exhibit sliding properties identical to or higher than those of lead-containing solid lubricants, even under high load conditions.